

I Claim:

1. A search engine for searching files on a network of servers, comprising:
 - a. a phrase extraction module for determining select phrases that are contained in a selection of files and mapping phrases with the files and the servers hosting the files; and
 - b. a visualization tool for presenting a graphical representation of the mapping of said phrases, files, and servers.
2. A search engine for searching files on a network of servers according to a query from a user, comprising:
 - a. a phrase extraction module for determining select phrases that are contained in a plurality of files satisfying the query, and grouping the servers that host the plurality of files in accordance with the selected phrases; and
 - b. a visualization tool for displaying to the user, a graphical representation of the grouping of said phrases and servers.

1 3. A method for searching for files on a network according to a query from a
2 user, comprising the steps of:

- 3 a. selecting files in accordance with the query;
4 b. determining one or more phrases contained in the selected files;
5 c. grouping the selected files in accordance with the determined phrases;
6 and
7 d. displaying a graphical representation of the grouping to the user.

1 4. A method for searching for files on a network of servers according to a
2 query from a user, comprising the steps of:

- 3 a. selecting files in accordance with the query;
4 b. determining one or more phrases contained in the selected files;
5 c. grouping the selected files in accordance with the determined phrases
6 and in accordance with the servers hosting the selected files; and
7 d. displaying a graphical representation of the grouping to the user.

- 1 5. A method for analyzing search results for a user comprising the steps of:
 - 2 a. receiving search results from a search engine;
 - 3 b. determining phrases based on files referenced by the search results;
 - 4 c. determining servers hosting the files referenced by the search results;
 - 5 d. generating a map associating said phrases with said servers wherein
 - 6 a phrase is associated with a server if the phrase occurs in a file
 - 7 referenced by the search results located on the server;
 - 8 e. identifying one or more server clusters in accordance with the map;
 - 9 and
 - 10 f. displaying the server clusters to the user.
- 11 6. The method of claim 5, further comprising the steps of:
 - 12 a. receiving from the user a selection of one or more clusters;
 - 13 b. removing said selected clusters from the display; and
 - 14 c. adjusting the display of the unselected clusters.

- 1 7. The method of claim 5, further comprising the steps of:
- 2 a. receiving from the user a selection of clusters;
- 3 b. revising the map associating additional phrases with the servers in the
- 4 selected clusters; and
- 5 c. displaying the selected clusters to the use in accordance with the
- 6 revised map.

- 1 8. The method of claim 5, further comprising the steps of:
- 2 a. receiving from the user a selection of clusters;
- 3 b. revising the search results in accordance with the selected clusters;
- 4 c. adjusting the map in accordance with the revised search results; and
- 5 d. displaying the server clusters to the user in accordance with the
- 6 adjusted map.

- 1 9. The method of claim 5, further comprising the steps of:
- 2 a. receiving from the user a selection of clusters;
- 3 b. receiving from the user a search query;
- 4 c. refining the search results according to the search query and the
- 5 selection of clusters;
- 6 d. updating the map in accordance with the refined search results; and
- 7 e. adjusting the display of the clusters in accordance with the updated
- 8 map.

10. The method of claim 5, further comprising the steps of:
- a. receiving from the user revised phrases;
- b. revising the map associating the revised phrases with the servers
- associated with files referenced in the search results; and
- c. displaying the server clusters to the user in accordance with the
- revised map.

1 11. A method for revising search results generated by a search engine,
2 comprising the steps of:

- 3 a. analyzing data associated with the search results;
- 4 b. generating a list of phrases based on the analyzed data;
- 5 c. identifying files referenced by the search results containing a phrase
6 from the list of phrases; and
- 7 d. associating the files with phrases.

1 12. The method of claim 11, further comprising the steps of:

- 2 a. determining the frequency of use of each phrase in each file; and
- 3 b. including the phrase in the list of phrases if the frequency for the
4 phrase exceeds a threshold value.

1 13. A method for refining search results in the form of a mapping between files,
2 phrases and servers, for a user comprising the steps of:

- 3 a. receiving from the user a selection of a server;
- 4 b. importing one or more phrases contained in the files hosted on the
5 selected server; and
- 6 c. displaying the imported phrases in a graphical representation of the
7 mapping between files, phrase, and servers.

1 14. A method for analyzing search results for locating files on a network, the
2 method comprising the steps of:

3 a. extracting phrases from the search results, wherein the phrases
4 represent the subject matter contained in the files associated with the
5 search results;

6 b. grouping the files into one or more clusters wherein each cluster
7 contains two or more files such that each pair of files are associated
8 with at least one phrase in common; and

9 c. generating a map of the grouping of files and phrases.

- 1 15. A method for searching files on a network of servers according to a query
2 from a user, comprising the steps of:
- 3 a. determining select phrases that are contained in the one or more files
4 satisfying the query from the user;
 - 5 b. grouping the servers that host the one or more files in accordance
6 with the selected phrases;
 - 7 c. displaying to the user, a graphical representation of the grouping of
8 said phrases and said servers;
 - 9 d. receiving from the user, a selection of one or more groups;
 - 10 e. generating a revised query according to the selection of one or more
11 groups;
 - 12 f. determining one or more files that satisfy the revised query; and
 - 13 g. displaying to the user, a graphical representation of the one or more
14 determined files.

- 1 16. A method for searching files on a network of servers according to a query
2 from a user, comprising the steps of:
- 3 a. determining select phrases that are contained in the one or more files
4 satisfying the query from the user;
 - 5 b. grouping the one or more servers that host the one or more files in
6 accordance with the select phrases;
 - 7 c. displaying to the user, a graphical representation of the grouping of
8 said phrases, said servers, and said files;
 - 9 d. receiving from the user, a selection of one or more files displayed in
10 the graphical representation;
 - 11 e. downloading the selected files; and
 - 12 f. generating links between the downloaded files according to the select
13 phrases.